

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/050089

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                                                  | Relevant to claim No. |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A          | US 2003/179716 A1 (LIU KEVIN H)<br>25 September 2003 (2003-09-25)<br>paragraph '0022!<br>paragraph '0041! - paragraph '0045!<br>figures 3a,3b,4a,4b | 1,8                   |
| A          | EP 1 341 393 A (NIPPON TELEGRAPH &<br>TELEPHONE) 3 September 2003 (2003-09-03)<br>paragraph '0419! - paragraph '0430!;<br>figures 39,40             | 1,4,5,7,<br>8         |
| P,X        | WO 2004/036814 A (GOUS ALAN ; CARIDEN<br>TECHNOLOGIES INC (US))<br>29 April 2004 (2004-04-29)<br>claim 32<br>claim 33                               | 1,8                   |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

7 April 2005

Date of mailing of the international search report

15/04/2005

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/050089

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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